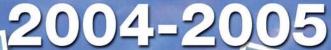
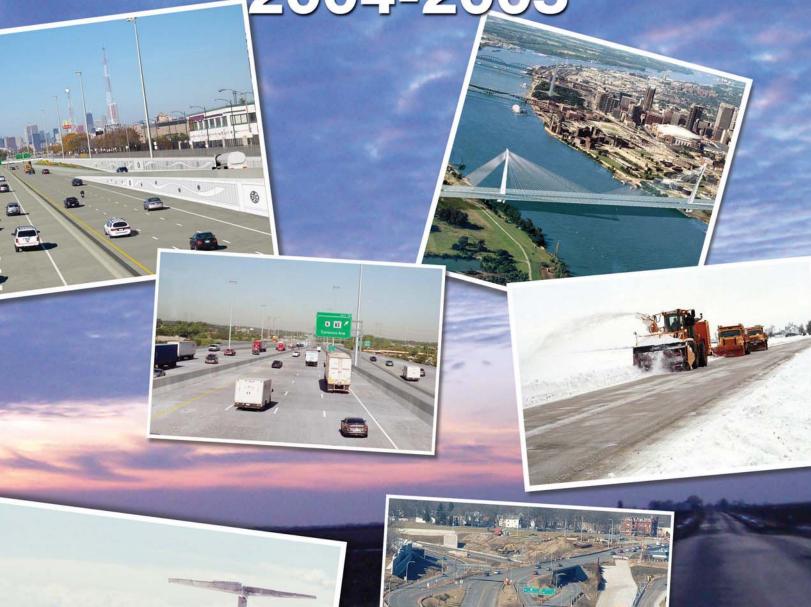
Timothy W. Martin, Secretary





# ANNUAL REPORT









# 2004-2005 ANNUAL REPORT

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# ILLINOIS TRANSPORTATION SAFETY, INNOVATION AND EXCELLENCE

### **MISSION**

To provide safe, cost-effective transportation for Illinois in ways that enhances quality of life, promotes economic prosperity and demonstrates respect for our environment.

### **IDOT GUIDING PRINCIPLES**

Safety, Integrity, Responsiveness, Quality and Innovation

### **IDOT PRIORITIES**

SAFETY – Improved safety on roads and bridges is our top priority. IDOT is leading a coalition of state agencies in developing and implementing a Comprehensive Highway Safety Plan unprecedented in Illinois history. Through this plan and the public-private partnerships it creates, IDOT is coordinating an approach to improved highway and a greater overall focus on traffic safety designed to lower the incidence of highway fatalities dramatically over the next few years.

MOBILITY – Dependable mobility on Illinois roads and bridges contributes to improved quality of life and economic prosperity across the state. IDOT's studied approach to roadway and bridge maintenance and repair and its ongoing commitment to project development based on demonstrated need, means more highway dollars go where they are needed most to keep traffic flowing steadily. This highway improvement philosophy now has been extended to rail projects in order to hold freight congestion to a minimum, which means more timely deliveries, lower costs, and less time and fuel consumed while traveling from place to place.

PRESERVATION – Preservation of the state's multi-modal transportation system depends on today's ability to plan projects over the long term. IDOT aggressively pursues federal funding earmarks and carefully sets its construction strategies to give Illinoisans the quality and reliability they demand throughout the state. Today, IDOT is emphasizing the repair or reconstruction of hundreds of aging bridges to keep traffic flowing smoothly. Utilizing our reorganized and streamlined Division of Public and Intermodal Transportation, IDOT emphasizes better coordination of transportation alternatives from safe and convenient roads and bridges to passenger rail services, regional airports, and top-notch public transportation options.

**EFFICIENCY** – Streamlined project delivery to ensure process efficiency and lower public costs is more than a catch phrase. At IDOT, it's a way of life as we have reduced staff by more than 14 percent in the past three years and have reorganized and streamlined many of our internal offices and processes to adapt to and make the most of our valuable human resources.

OUTREACH – Improved internal and external communications are helping IDOT understand and meet the needs of its customers, the traveling public. Through internal reorganization and creation of the Office of External Affairs along with programs like Context Sensitive Solutions, our improved Disadvantaged Business Enterprise outreach, our annual motorist survey, and numerous public meetings held across Illinois each year, IDOT has a good handle on the needs and expectations of the traveling public. That helps us improve the way we plan and deliver on those needs for all of Illinois.

Under the leadership of Governor Rod R. Blagojevich, the Illinois Department of Transportation in 2004 and 2005 has moved quickly to solidify a variety of organizational improvements and has held to the priority of more effective and efficient delivery of programs and services in every aspect of IDOT's operation.

The department's major accomplishments in recent months are highlighted and summarized in this Annual Report for 2004-2005. Some of these accomplishments have saved taxpayers' money, employees' time or other state resources. Some initiatives have saved money and lives of Illinoisans through improved safety programs. Many initiatives represent significant early steps in broader strategies to improve further in the years ahead.

IDOT's full delivery of the FY 2004 and FY 2005 Highway Programs, despite extensive staff reductions since 2002, represents solid achievement among IDOT's many efforts to lead the way toward improved efficiency and effectiveness in Illinois government. These gains represent the basis on which we will build our efforts in 2006 to further improve the ways in which we deliver transportation services from day to day.

IDOT took significant steps in 2004 and 2005 to ensure that project selection is fair and balanced throughout Illinois and that projects are programmed based on safety considerations, economic development goals, traffic congestion issues, and other demonstrated needs rather than political clout. IDOT's outreach to community organizations and regional leaders throughout Illinois has encouraged additional local input into decisions on transportation improvements through our Context Sensitive Solutions initiative. The department has taken effective steps to include more contractors in statewide bidding processes and especially to help more small and disadvantaged contractors qualify for and be more competitive for state contracts. Greater competition for state contracts spurs job growth and produces much greater return across Illinois on taxpayers' transportation investments.

IDOT has put an even greater emphasis on traffic safety through the creation of the Bureau of Traffic Safety Engineering, designed to more quickly and accurately identify and correct safety issues on Illinois highways.

In addition, the 2003 passage and subsequent state promotion of a primary safety belt law in Illinois directly contributed to a reduction in traffic deaths totaling more than 100 motorists in Illinois during 2004. The continuing primary seat belt requirement coupled with IDOT's new commitment to an improved Comprehensive Highway Safety Plan in Illinois are expected to save dozens of lives each year as agencies across Illinois work more closely to coordinate their activities and promote a safer transportation environment for Illinoisans. These safety steps also will help Illinois net tens of millions of dollars in additional federal funds annually for continuing traffic safety improvements and awareness efforts, including our successful work zone safety campaigns.

Internal reorganization has led to streamlined business services, purchasing oversight, and information technology processes. IDOT also has combined Rail with Public Transportation to create a new Division of Public and Intermodal Transportation which is taking the lead on more effective public-private, multiagency coordination to plan and implement comprehensive improvements in transportation options for Illinois citizens.

Illinois and IDOT face significant revenue challenges in the months and years ahead – far more transportation needs exist than available dollars to meet those needs. The immediate future of the state's road and bridge construction program depend on adequate federal funding for Illinois. IDOT continues to fight for Illinois' fair share of federal funding in legislation now under consideration by Congress.

As we approach fiscal year 2006, our top priority at IDOT is to build on the good work we have begun and provide Illinois with even stronger leadership and results on transportation. We have not wavered in our vision to be the premier state department of transportation in the nation. The people of Illinois deserve nothing short of excellence.

Timothy W. Martin

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Secretary, Illinois Department of Transportation

# **HIGHLIGHTS**

# FISCAL YEARS 2004 AND 2005

The Illinois Department of Transportation, led by Governor Blagojevich and Secretary Martin, is a leaner organization than ever before, operating with a significantly reduced workforce yet continuing to deliver on program budgets at or near record levels for the state of Illinois.

# **INFRASTRUCTURE**

Promises Kept and Surpassed – IDOT exceeded the promises made in the annual road and bridge improvement program for 2004, delivering more than 1,200 miles of pavement repairs and nearly 250 bridge repairs across the state. Our customers in the motoring public say they like what they see. Our annual surveys of Illinois motorists consistently indicate that more than 60 percent of Illinois drivers think IDOT is doing a good or excellent job overall. In addition, more than 70 percent of drivers say IDOT workers' conduct on the job is good or excellent, and some 80 percent or four out of every five drivers say IDOT is doing a good or excellent job on snow and ice control. Performance excellence is IDOT's overriding priority.

Nationally Recognized Highway Projects – IDOT, for the second straight year, has seen two of its major road reconstruction projects recognized in Roads & Bridges magazine and ranked among the top ten highway projects in the nation. The projects cited for this year were the reconstructions of the Dan Ryan and Kingery expressways in the south part of Chicago.

Making Air Travel Easier – Efforts to expand airport options for Chicago-area travelers continue. More than 1,700 acres of land has been purchased to date for the South Suburban Airport in Will County, amounting to more than one-third of the acreage required for the inaugural airport. IDOT continues to pursue the purchase of the land needed to construct the facility. IDOT has secured an additional \$2.5 million in federal funding to continue the environmental and master planning studies for this important airport.

Opening Up Travel Options – A new contract with Amtrak keeps three downstate Illinois passenger rail corridors open and running. Illinoisans must like that idea – ridership on these lines increased by nearly 14 percent in 2004.

**Getting You There Even Faster –** Work is nearing completion on more than \$50 million in railroad track upgrades that will lead to higher speed passenger train service between Chicago and Springfield and faster travel times for folks traveling by train from St. Louis to Chicago.



Dan Ryan before and after







Kingery before and after

Improving Public Transit Alternatives – IDOT's continuing commitment to improved public transportation service means that more people can use transit options to get to and from work conveniently, which decreases highway traffic and congestion as it improves air quality. Through improvements to the CTA Brown Line in Chicago, station improvements for travelers on Metra commuter trains serving the Chicago area, additional PACE bus options for suburban area commuters, and additional transit options downstate, public transportation has never been more available to more people than it is today across Illinois.

**Increasing public transit – reducing congestion – IDOT** supported more than \$560 million in capital improvements and operating funds to Illinois' public transportation systems, including:

- \$41 million for purchase of about 150 rapid transit cars to replace outdated cars in the CTA system. These rapid transit cars will incur fewer breakdowns and less lengthy or frequent repairs as they improve safety, energy savings, and ride quality on CTA routes.
- \$88 million to match or leverage more than \$350 million in federal funds to modernize, improve service, increase efficiency, and expand transit infrastructure throughout Illinois.
- Technical assistance to evaluate potential for transit system and service expansions for the Kankakee and Rockford areas.

Speeding the Flow of Rail Freight through Chicago – CREATE means fewer freight snags on rail-roads and highways and fewer traffic tie-ups as a result. CREATE is a \$1.5-billion, public-private partnership involving IDOT, the city of Chicago, private-sector railroads and several local agencies. This innovative collaboration is designed to improve rail freight flow through the Chicago area by reducing rail freight congestions and the motorist traffic congestion that can often result. Freer flowing traffic means fewer shipping delays and less wear and tear on local roads and motorists' nerves.

Working to Relieve Traffic Congestion – IDOT continues to operate the most sophisticated system in the United States to monitor and manage traffic, respond quickly and safely to incidents, provide quality and timely information to our customers and improve the safety of work zones. Technology plays an important role in providing information needed to reduce traffic congestion. Electronic detection equipment on more than 160 miles of Chicago expressways help IDOT technicians monitor traffic volumes, speeds and congestion levels. IDOT also uses ramp meters based on traffic conditions to improve traffic flow, dynamic message signs and highway advisory radio to inform motorists of conditions, closed circuit television to be able to quickly identify and respond to incidents, and highway service patrols to assist motorists and return the roadway to full capacity and reduce delays.

# **IMPROVED BUSINESS PRACTICES**

Reducing Staff, Increasing Efficiencies – IDOT has reduced its overall headcount by more than 1,000 since the end of 2002 – a 14 percent reduction in personnel – without compromising its ability to accomplish its mission of building, maintaining and operating Illinois' infrastructure. The savings from reduced salaries and benefits will exceed \$55 million per year. However, despite this dramatic streamlining, IDOT accomplished 103 percent of its planned highway program level in 2004.

Changing IDOT to Make Best Use of Existing Resources – IDOT has reorganized the way it approaches highway maintenance with a regional approach that ensures greater accountability throughout the state. IDOT has emphasized a new focus on regional management of transportation program delivery to ensure that the scope, schedule and budget of projects are not adversely affected by unnecessary or last-minute changes and to better ensure that IDOT can continue to deliver on its promises in the annual highway program. Meanwhile, IDOT's administrative structure has become more streamlined with the consolidation and elimination of unnecessary organizational units and the reallocation of existing staff to today's administrative priorities. By streamlining processes, and retraining and reorganizing staff, IDOT has vastly improved its approach to staff training, procurement of supplies and services, and communications. That means fewer dollars spent on administration and more dollars available for transportation improvements.

Process Improvements to an International Standard – IDOT's Division of Highways is leading the way to greater accountability and customer satisfaction through compliance with internationally recognized quality standards for business processes. This means improved accountability, more effective coordination of services, better communications, greater attention to customer needs, and other sound business management goals. IDOT has targeted key processes in every aspect of its Division of Highways for improvement under process management guidelines outlined by the International Organization of Standards (ISO) designed to improve staff efficiency, reduce the time required for planning and design phases of construction projects, and reduce overall project costs.

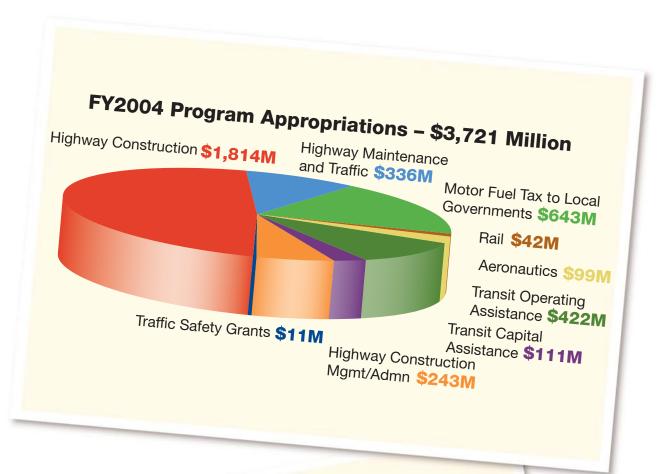
# **SAFETY**

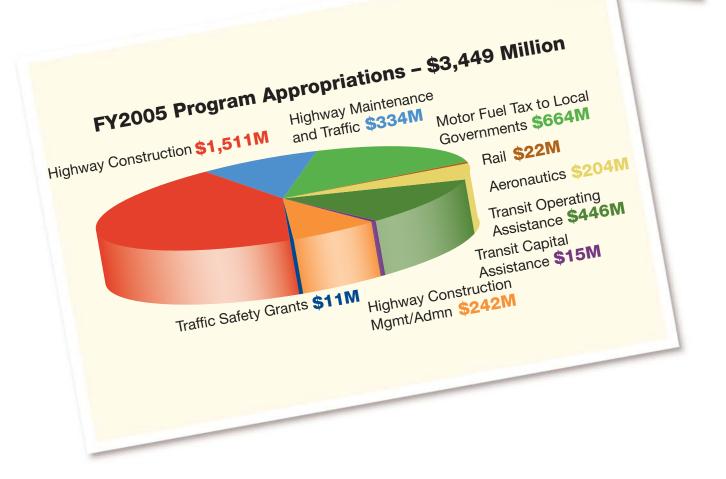
Fewer Deaths in 2004 on Illinois Streets and Roads – With the leadership of the Governor, IDOT and Illinois motorists in 2004 saw tangible benefits from the 2003 enactment of the Primary Seatbelt Law and various enhanced driver-safety awareness campaigns throughout Illinois. As a result, safety belt usage in Illinois jumped to 83 percent by June 2004, and traffic fatalities in 2004 decreased by nearly 9 percent compared to the previous year. That means 100 fewer people died on Illinois streets and roads in 2004 than in 2003, a tribute to the importance of safety belt usage and other driver safety awareness campaigns spearheaded by IDOT.

A New Emphasis on Comprehensive Safety Planning – Working with the Federal Highways Administration and numerous state and local agencies in Illinois, IDOT is taking the lead on developing a Comprehensive Highway Safety Plan designed to better coordinate and integrate safety improvements across the state. The Comprehensive Highway Safety Plan goes beyond traditional traffic safety efforts involving work zones and pavements and looks at ways in which to better coordinate the variety of transportation-related safety work that goes on in state and local agencies through-

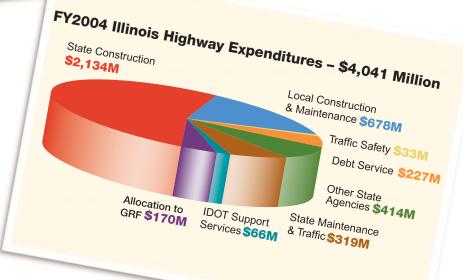


out Illinois to reduce duplication of efforts and to increase cooperation and emphasis on statewide strategies. The idea is to make best use of the federal, state and local resources and services available to raise awareness to various safety threats and educate drivers, while finding more effective ways of making roads and bridges safer for motorists.









Illinois has the third largest state highway and interstate system in the nation. These nearly 16,500 miles of roadways and nearly 7,900 bridges make up only a fraction of all roadways and bridges in Illinois but carry the majority of traffic and are heavily used. In FY 2004, the state highway program included about \$1.7 billion in federal, state and local matching funds, with the majority of funds programmed to preserve and modernize the existing system of roads and bridges.

### FY 2004 Highway Program at a Glance:

- 41,664 jobs supported;
- 1,237 miles of road improvements;
- 249 bridge improvements;
- New bridge and retaining wall along with bridge replacement and rehabilitation on Dan Ryan at I-90 (Skyway) in Cook County;
- Interchange improvement, new bridge deck, bridge widening, and reconstruction on I-74 in Peoria:
- Grading, paving and new bridge on U.S. 67 in Scott and Morgan counties;
- Additional lanes, resurfacing and bridge replacement on I-64 in St. Clair County.

# **PUBLIC AND INTERMODAL TRANSPORTATION**

In 2005, the IDOT Division of Public and Intermodal Transportation was created, combining Public Transportation, Rail and support functions under a single service umbrella. This Division develops and recommends policies and programs that promote safe and efficient rail and mass transit systems and support services in Illinois. Division staff coordinates and participates in local and statewide planning and programming activities. The Division also develops, implements, and manages planning and engineering projects and grants for operating, capital and technical programs within rail and mass transit.

# **Public Transportation**

Northeastern Illinois is home to the nation's second largest combined public transit system. This transit system provided 549.3 million rides to passengers in FY 2004. Outside the Chicago area, state-supported public transportation serves 11 urbanized areas and 31 rural and small-urbanized areas throughout downstate Illinois.

In FY 2004, IDOT allocated federal, state and local funds worth nearly \$1.2 billion for operating assistance and nearly \$1.1 billion for capital assistance to public transportation services throughout Illinois.

# **Metropolitan Planning Services**

IDOT works with other government agencies at every level on technical public transportation studies such as bus and rail feasibility studies, service optimization studies, and the creation of metropolitan planning organizations, including about 20 technical studies in FY 2004.

## FY 2004 Transit Program at a Glance:

- 51,000 jobs supported;
- \$41 million for CTA's order of new rail cars;
- Rehabilitation and reconstruction of track, structures, and stations on the CTA's Blue and Red Lines:
- Continuation of work on Metra's North Central Service, SouthWest Service, and Union Pacific West Line extensions:
- \$39 million allocated for Pace to purchase buses, vanpool equipment, and radio system upgrades.





# **PUBLIC AND INTERMODAL TRANSPORTATION**



### Rail

The Illinois Department of Transportation is participating with private sector railroads, the city of Chicago, and other local agencies in one of the most ambitious rail modernization projects in U.S. railroad history. The CREATE program is a \$1.5 billion public/private partnership designed to improve the flow of rail freight throughout the Chicago metropolitan area. CREATE stands for Chicago Regional Environmental and Transportation Efficiency program, which is precisely what the project is designed to do – create greater transportation efficiency and fewer environmental concerns.

IDOT has initiated \$10 million of preliminary engineering work to ease rail freight congestion that has long plagued the Chicago area. Rail freight congestion creates traffic tie-ups for local commuters, increases wear and tear on local roads, and causes countless lost revenues in shipping delays.

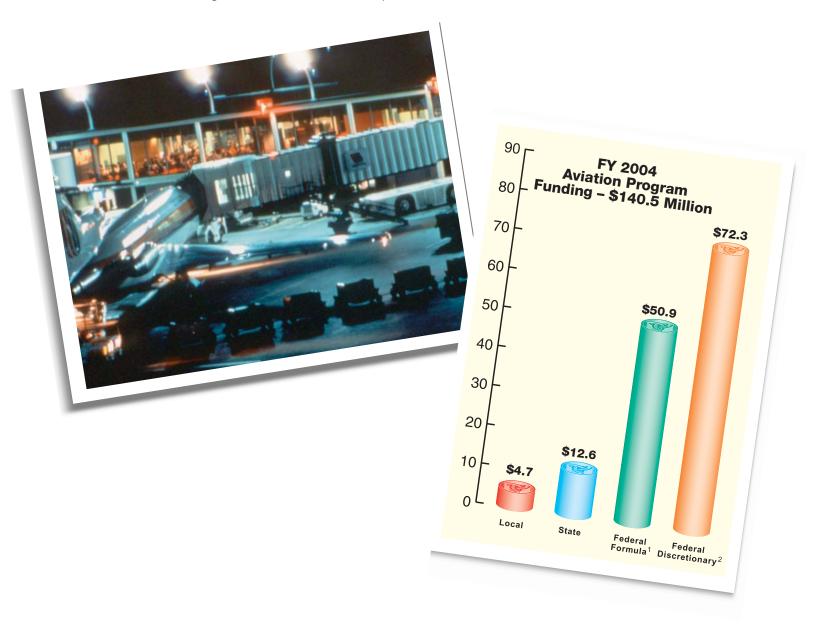
IDOT also continues to make improvements along the Chicago-St. Louis High Speed Rail Corridor. A \$50 million track upgrade project is nearly complete, and electronic informational signs at stations along the entire corridor inform passengers of up-to-the-minute changes on train arrival and departure times.



Illinois' airport network is the second largest in the nation with 114 airports designated for public use, including Chicago O'Hare, the world's busiest airport, and 272 heliports. The FY 2004 Transportation Program included more than \$140 million in federal, state and local matching funds for improvement projects at airports throughout Illinois. The funded projects improve the safety and efficiency of the airports and support opportunities for economic development by attracting or retaining industries and jobs in communities throughout the state.

# FY 2004 Aviation Program at a Glance:

- 2,900 jobs supported;
- Supported improvements to runways, taxiways and safety equipment additions at 77 airports statewide;
- Continued efforts to reduce congestion in the northeastern Illinois air corridor;
- Continued working with Chicago to modernize and expand O'Hare;
- Continued working on Tier II Environmental Impact Statement and purchasing land for the inaugural South Surburban Airport.



# **SAFETY**

IDOT has taken traffic safety to an entirely different level in Illinois with the creation of the Bureau of Safety Engineering, whose function is to focus more effectively on analyses of traffic safety hazards and the coordination of broad strategies to better ensure the safety of Illinois travelers.

Comprehensive Safety Planning – IDOT's Division of Highways, Bureau of Safety Engineering, and the Division of Traffic Safety have taken the lead on developing a Comprehensive Highway Safety Plan with an overall goal of making Illinois streets and highways safer in a variety of ways. This interagency approach to better coordination and integration of safety improvements across the state is designed to better utilize existing resources and save more lives on Illinois highways and streets.

The Comprehensive Highway Safety Plan seeks to better coordinate the variety of transportation-related safety work that goes on in state and local agencies throughout Illinois, to reduce duplication of efforts and to increase cooperation and emphasis on statewide strategies. The idea is to leverage federal, state and local resources and services to educate drivers and find more innovative ways of making roads and bridges safer for motorists.

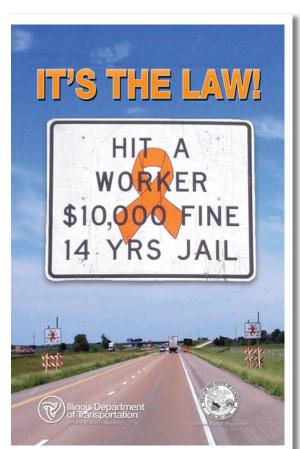
**Traffic Safety** – As safety belt usage in Illinois jumped to 83 percent by June 2004, traffic fatalities in 2004 declined by nearly 9 percent compared to the previous year. That means **100 fewer people died on Illinois streets and roads in 2004 than in 2003**. At the same time, traffic fatalities in work zone crashes declined by 10 percent in 2004, and the number of highway workers killed in work zone crashes dropped from seven in 2003 to two in 2004.

Work Zone Safety Improvements – IDOT has implemented a variety of activities designed to

make highway construction zones safer for motorists and workers.

- Increased and automatic fines for speeding in work zones.
- Better defined, more visible work zone markings.
- Increased speed enforcement in work zones.
- Use of remote-controlled flagging devices.
- Planned use of photo enforcement technology in work zones.
- Additional barrier protections for workers in construction zones.
- · Nighttime illumination of flagger stations.

Mobile Crash Reporting – IDOT, in conjunction with the Illinois State Police and other law enforcement agencies throughout Illinois, has implemented a system allowing police officers to record and transmit crash reports from their vehicles. Goals are to speed crash reporting, save hundreds of hours of reporting and input time, and reduce input errors for law enforcement officers throughout Illinois and for IDOT staff. The first-year program already has saved IDOT thousands of hours of input time and has vastly improved the quality and speed of information entering the reporting system.



# **SERVICE TO OUR CUSTOMERS**

**24-Hour Emergency Management** – The IDOT Communications Center is open around the clock to receive incident, disaster and emergency-related calls. As necessary, the Communications Center notifies duty officers when action has to be taken by IDOT staff. Duty officers report to the Illinois Emergency Management Agency's Emergency Operations Center to represent the department in coordination of multi-agency responses to disasters.

**Disaster Recovery** – The IDOT emergency services team is well-trained to respond to life-threatening incidents and to coordinate services in the aftermath of disasters or emergency situations. In the past year, IDOT teams provided a variety of resources to relieve communities from both natural and manmade disasters. We also work consistently with national and Illinois Homeland Security experts in mock-disaster training and exercises to ensure that Illinois remains among the leaders in security issues.

Here is a synopsis of the disaster relief work we were involved with in the past year:

Tornado Disaster – Kankakee, LaSalle, Putnam and Will counties – Granville, Joliet and Utica – IDOT provided heavy equipment and manpower for more than two weeks in assisting the town of Utica. April 20, 2004.

Formosa Chemical Plant explosion - Illiopolis - IDOT provided

manpower and resources to assist in shutting down I-72 east and westbound for traffic safety, along with debris removal. April 23, 2004.

Flooding – Lake County – IDOT assisted in transporting 200,000 sandbags to Lake County and provided 300 feet of concrete barrier walls to help contain flooding. May 23, 2004.

Tornado Disaster – Hardin, Morgan, Pike and Scott counties – IDOT provided heavy equipment and manpower for more than three weeks following this disaster. May 24-26, 2004.

Tornado Disaster – Village of Roanoke – Tornado damage with winds of more than 200 miles per hour damaged the area and caused power outages. IDOT assisted with heavy equipment and debris removal on U.S. Routes 116 and 117. July 13, 2004.

Snow Emergency – Clark, Crawford, Lawrence, Wabash, White, Gallatin, Hardin, Pope, and Massac counties – IDOT provided manpower and equipment from three southern Illinois districts to clear roadways and keep open the Interstate highway system in Illinois. Expressway systems in Missouri and Indiana were closed during these storms. Illinois Interstate highways were kept open and passable throughout the storm.



# **REGIONAL PLANNING**

Homeland Security – In addition to participating in federal and multi-state training exercises and workshops to plan for response to Homeland Security threats or incidents, IDOT helps train state and local emergency and disaster response teams in a variety of areas. IDOT also purchased two Vehicle and Cargo Inspection Systems, mobile gamma ray technology that is designed to help federal and state officials physically inspect large cargo containers through a system similar to X-ray systems used to inspect baggage at airports.



## **CONTEXT SENSITIVE SOLUTIONS**

IDOT is utilizing its Context Sensitive Solutions initiative to involve community-based stakeholders early and often in the planning and design processes as transportation projects that will affect their areas are announced. The extensive stakeholder involvement in planning decisions surrounding transportation improvements can help IDOT make project decisions and designs based on the best available information about community needs and impacts.

### METROPOLITAN PLANNING SERVICES

The department continues to work with our 14 Metropolitan Planning Organization (MPO) partners to improve the regional planning processes. This will ensure the development of safe, integrated multimodal transportation systems throughout the state. Current goals are:

- promoting Context Sensitive Solutions in planning activities,
- promoting safety planning principals, and
- improving integrated land use and transportation planning.

# CHICAGO AREA TRANSPORTATION STUDY (CATS)

The MPO for the greater Chicago region is the Chicago Area Transportation Study, also known as CATS, a planning branch of IDOT. CATS is responsible, together with IDOT, local governments and transit operators, for planning transportation improvements, and ensuring the region's eligibility to receive qualifying federal surface transportation funding.

Three major products result from this planning work:

- the Regional Transportation Plan provides public policy direction and guidance for the continued development of a safe, efficient multi-modal surface transportation system in northeastern Illinois,
- the Transportation Improvement Program (TIP) is northeastern Illinois' agenda of surface transportation projects. The TIP outlines federally funded projects and other regionally significant projects planned for implementation in the upcoming years,

• the Unified Work Program provides a detailed description of all transportation-related planning activities anticipated within the metropolitan area.

CATS' Rideshare Services are designed to reduce the number of vehicles commuting on area highways. These services are offered free to employers and the commuting public at large, including:

- support for individuals in carpools and vanpool formation,
- support for employers in developing rideshare programs,
- employer Rideshare Coordinator Training,
- promotional assistance and information,
- coordination with other transportation service providers, and
- carpool and vanpool matching services on the Internet.

CATS' voluntary regional rideshare programs have operated since 1980. Some 300 employers and 30,000 individual applicants over the years have been assisted in forming carpools and vanpools. Rideshare Services is part of CATS Transportation Management Division.

CATS' annual budget averages about \$5 million but can vary based on the planning studies undertaken.

The CATS' staff is focusing on three emphasis areas to improve regional planning in north-eastern Illinois: integrating bike and pedestrian needs into planning, safety-conscious planning, and full participation of the Council of Mayors in order to attract and maintain local involvement in planning.



# TRANSPORTATION TECHNOLOGIES

# TRANSPORTATION TECHNOLOGIES

IDOT operates the most sophisticated transportation technology system in the United States, integrated to monitor and manage traffic, respond quickly and safely to incidents, provide quality and timely information to the traveling public, and aid in improving the safety of work zones.

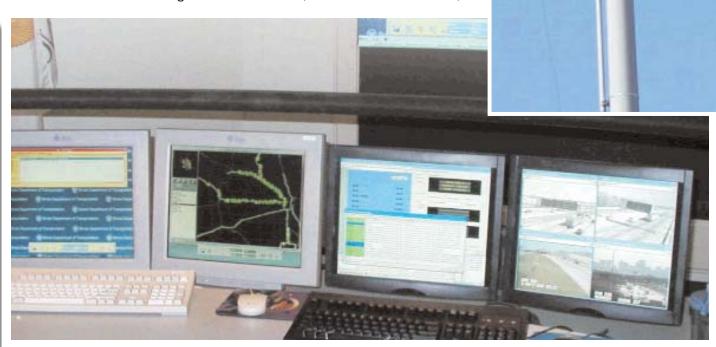
Technology plays an important role in relieving traffic congestion. This technology takes the form of:

- Traffic detectors on more than 160 miles of Chicago expressways to monitor traffic volumes, speeds and congestion on pavements.
- Ramp meters that monitor traffic conditions to improve traffic flow.
- Changeable electronic message signs and highway advisory radio stations to inform motorists instantly of changes in conditions and other vital information.
- Closed circuit television cameras to be able to quickly identify and respond to potential congestion-causing incidents.

• Highway service patrols, available around the clock to assist motorists and return the roadway to full capacity and reduce delays.

The department's Intelligent Transportation Systems (ITS) activities include:

- Operating the gcmtravel.com site which provides information regarding traffic conditions on the expressways and tollways, along with transit information and airport information. This travel site receives up to 6 million hits from travelers every month. This helps travelers plan their trips more effectively and avoid congestion.
- Operating 75 changeable electronic message signs in the Chicago area and throughout the state to provide motorists with current congestion information, estimated travel times,



# TRANSPORTATION TECHNOLOGIES

incident and construction information to help motorists make better traveling decisions while on the roadways.

- Operating more than 35 cameras on the Chicago expressway system, which provides live images from nine construction-zone cameras to the traveling public on the gcmtravel website. IDOT is adding cameras to the system and are reviewing proposals to provide additional video images via the Internet.
- Emergency Traffic Patrol (Minutemen) -- IDOT provides assistance to stranded motorists in order to help them on their way, to clear the roadway and allow traffic to flow freely. During 2004, more than 100,000 motorists were helped in northeastern Illinois as well as more than 10,000 in the Metro-East area.
- The Chicago Area Transportation Study (CATS), in coordination with IDOT, is working to relieve traffic congestion in northeast Illinois by monitoring and evaluating causes of regional traffic congestion, promoting ridesharing and working with local and state agencies to develop innovative solutions to better operate and manage transportation systems.

As a result of IDOT's ITS technology, Chicago is one of very few metropolitan areas where state-of-the-art technologies are operated as an integrated system giving travelers the full benefits of cooperation in traffic management, incident management, safety engineering, and operations and maintenance.

The success stories are real. No other large metropolitan area has the quality or quantity of current information on congestion and travel times that IDOT now makes available in Chicago, routinely and continuously, to the media and individual travelers. This means area motorists know better what to expect on the road ahead and can use this information to make better informed, safer and more effective trip choices.

At the same time, the Emergency Traffic Patrol is the model of highway service and motorist assistance services designed to save time, lives and money for travelers in Chicago and Metro-East St. Louis areas.

Illinois has received an average of \$4 million annually in federal ITS deployment funds which are matched by state ITS funds. These funds have been used to develop and deploy systems and services in each IDOT highway district across Illinois and to support transit and commercial vehicle operations and their use of technology.

Several additional innovations are scheduled to appear in the coming year:

- All of IDOT's camera images are to be made available to the public.
- IDOT will significantly enhance current information on the website by adding historic travel times so that commuters can compare current times with typical times for their trips.
- Current information on the overhead message signs will be added to the website.
- E-mail notification of traffic conditions for personalized routes will be made available.
- Emergency Traffic Patrol vehicles will be equipped with automated vehicle location and mobile data terminals to more quickly get incident information to the responders and to the public.

IDOT currently operates 24 changeable message signs and plans to add 4 to 6 more as part of the Dan Ryan, Kingery and Bishop Ford expressway construction projects, for motorists traveling to and from the Loop.



# **IDOT FAST FACTS - 2004**

Illinois Total Miles	
IDOT Jurisdiction	16,185 miles
Illinois Total Bridges	•
IDOT Jurisdiction	7,836 bridges
Annual Vehicle Miles Traveled	
Statewide	
Roads under IDOT	60.6 billion
Licensed Drivers	8.1 million
Registered Vehicles	
(excludes motorcycles)	10.5 million
Registered Passenger Cars	7.6 million
Gallons of fuel consumed annually	6,573 million
IDOT Program Budget FY '04	\$3,721 billion
IDOT Program Budget FY '05	\$3,449 billion
Employees (April 15, 2005)	
Adopt-a-Highway	
Miles	3,200
Organizations	1,275
Participants	10,200
Motor Vehicle Carriers	
Intrastate	
Interstate	9,431
Illinois Pilots	25,000 est.
Public Airports	114
Heliports	272



# **ACKNOWLEDGEMENTS**

The Honorable Rod R. Blagojevich, Governor, State of Illinois
Timothy W. Martin, Secretary, Illinois Department of Transportation
Robin N. Black, Chief of Staff, Illinois Department of Transportation
David D. Phelps, Assistant Secretary
John A. Webber, Assistant to the Secretary
Victor Modeer, Director, Division of Highways
Robert J. Millette, Director, Office of Finance & Administration
Dick Smith, Director, Office of Planning & Programming
Michael R. Stout, Director, Division of Traffic Safety
Lesa Branham, Acting Director, Office of Business & Workforce Diversity
Daniel Kennelly, Director, Office of Quality Compliance & Review
Jason Tai, Director, Division of Public & Intermodal Transportation
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